



The claims on appeal read as follows:

- 1. A leadframe/stabilizer for use with semiconductor devices, comprising:
- (a) an electrically conductive leadframe having a central semiconductor diereceiving region and a plurality of leadframe leads extending outwardly from said central die-receiving region; and
- (b) a stabilizer extending partially along the length of and on each side of said leadframe leads to improve leadframe planarity, said stabilizer including:
- (i) a die pad mount integral with and forming a part of said stabilizer disposed beneath said central semiconductor die-receiving region for retaining a semiconductor die thereon.
- 2. The leadframe/stabilizer according to Claim 1, wherein said stabilizer and die pad mount is made of an insulating material.
- 3. The leadframe/stabilizer according to Claim 1, wherein said stabilizer and die pad mount is made of a plastic material.
- 4. The leadframe/stabilizer according to Claim 1, wherein said stabilizer and die pad mount is made of a ceramic material.
- 5. The leadframe/stabilizer according to Claim 1, wherein said die pad mount has a recess in one surface into which a semiconductor die is mounted.

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- 6. A leadframe stabilizer for use with semiconductor devices, comprising:
- (a) an electrically conductive leadframe having a central semiconductor diereceiving region and a plurality of leadframe leads extending outwardly from said central die-receiving region; and
- (b) a stabilizer extending partially along the length of and on each side of said lead leadframe leads to improve leadframe planarity, said stabilizer including:
- (i) a die pad mount integral with and forming a part of said stabilizer disposed beneath said central semiconductor die-receiving region for retaining a semiconductor die thereon;
 - (ii) a recess in one surface of said die pad mount; and
 - (c) a semiconductor die mounted in said recess.
- 7. The leadframe/stabilizer according to Claim 6, wherein said stabilizer is made of an insulating material.
- 8. The leadframe/stabilizer according to Claim 1, wherein said stabilizer is made of a plastic material.
- 9. The leadframe/stabilizer according to Claim 1, wherein said stabilizer is made of a ceramic material.

- 10. A method for stabilizing the leads of a lead frame and providing a semiconductor die mount pad, comprising the steps of:
- (a) providing a leadframe having a central semiconductor die-receiving region and a plurality of leadframe leads extending outwardly from said central die-receiving region;
- (b) providing a stabilizer, said stabilizer having a die pad integral therewith and disposed beneath said central semiconductor die-receiving region; and
- (c) adhering said stabilizer along part of the length and on each side of said leadframe leads to improve leadframe planarity.
- 11. The method according to Claim 10, including the step of forming a recessed area in the die pad for mounting of a semiconductor die in said recessed area.
- 12. The method according to Claim 10, wherein said stabilizer is made of an insulating material.
- 13. The method according to Claim 10, wherein said stabilizer is made of a plastic material.
- 14. The method according to Claim 10, wherein said stabilizer is made of a ceramic material.